

Tau Monoclonal Antibody (HT7), Biotin

Product Details	
Size	50 µg
Species Reactivity	Bovine, Human
Published Species	Non-human primate, Human, Mouse
Host/Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	HT7
Conjugate	Biotin
Immunogen	Purified human Tau, epitope human Tau between residue 159 and 163 (numbering according to human Tau40), corresponding to the amino acid sequence PPGQK.
Form	Liquid
Concentration	0.1 mg/mL
Purification	Protein A
Storage buffer	PBS
Contains	no preservative
Storage conditions	4° C
RRID	AB_223453

Applications	Tested Dilution	Publications
Western Blot (WB)	-	30 Publications
Immunohistochemistry (IHC)	Assay-dependent	21 Publications
Immunohistochemistry (Frozen) (IHC (F))	-	2 Publications
Immunocytochemistry (ICC/IF)	-	4 Publications
ELISA (ELISA)	Assay-dependent	17 Publications
Immunoprecipitation (IP)	-	2 Publications

Product Specific Information

MN1000B targets Tau in ELISA, WB and IHC applications and shows reactivity with Bovine, and Human samples.

The MN1000B immunogen is purified human Tau, epitope human Tau between residue 159 and 163 (numbering according to human Tau40), corresponding to the amino acid sequence PPGQK.

MN1000B detects Tau which has a predicted molecular weight of approximately 79 kDa.

Western Blot (30)

Acta neuropathologica communications

Tau reduction in aged mice does not impact Microangiopathy.

"Published figure using Tau monoclonal antibody (Product # MN1000B) in Western Blot"

Authors: Bennett RE,Hu M,Fernandes A,Perez-Rando M,Robbins A,Kamath T,Dujardin S,Hyman BT

Species
Human
Not Applicable

Dilution
1:1000
Not Cited

Year
2020

Communications biology

Tau affects P53 function and cell fate during the DNA damage response.

"Published figure using Tau monoclonal antibody (Product # MN1000B) in Western Blot"

Authors: Sola M,Magrin C,Pedrioli G,Pinton S,Salvadè A,Papin S,Paganetti P

Species
Human
Not Applicable

Dilution
Not Cited
Not Cited

Year
2020

[View more WB references on thermofisher.com](#)

Immunohistochemistry (21)

Scientific reports

Syntenin-knock out reduces exosome turnover and viral transduction.

"Published figure using Tau monoclonal antibody (Product # MN1000B) in Immunohistochemistry"

Authors: Kashyap R,Balzano M,Lechat B,Lambaerts K,Egea-Jimenez AL,Lembo F,Fares J,Meeussen S,Kügler S, Roebroek A,David G,Zimmermann P

Species
Not Applicable

Dilution
Not Cited

Year
2021

Acta neuropathologica communications

Anti-A antibodies bound to neuritic plaques enhance microglia activity and mitigate tau pathology.

"MN1000B was used in Immunohistochemistry (Frozen) to enhance microglial activity around neuritic plaques, mitigating part of the tau-induced pathological manifestations."

Authors: Laversenne V,Nazeeruddin S,Källstig EC,Colin P,Voize C,Schneider BL

Species
Human
Not Applicable

Dilution
1:1000
Not Cited

Year
2020

[View more IHC references on thermofisher.com](#)

More applications with references on thermofisher.com

IHC (F) (2)

ICC/IF (4)

ELISA (17)

IP (2)

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